

Short Span Compression Tester

Product code [RL-SSC-A](#)

RYCOLAB



Usage

For measuring the compression strength on paper or board samples

Applicable standards

ISO 9895, TAPPI T 826, SCAN P46, DIN 54518, Appita/AS 1301.450

Device description

The Short Span Compression tester is used for paper or board stripes with 15 mm width. The jaws clamp the stripe with definite force and then the clamps move from 0,7 mm towards the middle till a break is detected. On the touch screen display the curve is displayed and the value is shown.

Test description

The sample is put into the open clamps. By pressing the start-button the clamps close and move together with a speed of 3 +/- 0,1 mm/ min. The curve is displayed and as soon the break is detected, the value is shown on the touch screen. After several tests the statistic values and the ratio between MD and CD are displayed. Optionally a sample feeder can be delivered, which moves the sample stripe for the next test sequence. The sample feeder moves the sample approx. 3 cm and allows several tests on one stripe.

Specifications

- Pneumatic clamping of the sample
- Test speed adjustable
- Ratio calculation between MD and CD samples
- Range: 1 – 500N equal to 0,06 – 3,3 kN/m
- Sample width: 15 mm
- Short Span value (SSV) in kN/m
- SCT curve, SCT value and SCT index
- Span of clamps: 0,7 mm
- Clamping pressure: 2300 +/- 50 N (adjustable)
- CE mark

Results

- SSV (Short Span Value) in kN/m
- Fmax (Maximum force) in N
- CI (Compression Index) in Nm/g

Dimensions

	Net	Gross
Width	450	600
Depth	520	650
Height [mm]	360	500
Weight [kg]	22	35

Connections

- Electricity: 110-230 V, 50-60 Hz AC
- Air: 600 kPa